

107

126

FIG. 1A

SEQ ID No 1: Cys-Arg-Ser-Thr-Val-Arg-Met-Ser-Ala-Glu-Gln-Val-Gln-Asn-Val-Trp-Val-Arg-Cys

SEQ ID No 2: TGC-AGA-AGC-ACC-GTG-CGG-ATG-TCT-GCT-GAA-CAG-GTG-CAG-AAC-GTG-TGG-GTT-CGC-TGC

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leader sequence

cystatin homology region

BMP-2 homology region

(1) MAMKMLVIFVLGMNHWCTCTGFPVVDYDPASLKEALSASVAKVNSQSLSPYLFRAFRSSVKRVNALDEDSLTM⁷⁵DLE (75)

FIG. 1B

cystatin homology region

TGF-β receptor II homology region

(76) FRIQETTCRRESEADPATCDFQRGYHVPVAVCRSTVRMSAEQVNVVVRCHWSSSSGSSSEEMFFGDILGSSTS (150)

(151) RNSYLLGLTPDRSRGEPLYEPSREMRNRFPLGNRRYSNPWP²⁰⁰PRARVNPGE (200) SEQ ID No 5

human BMP-2	F	P	L	A	D	H	L	N	S	T	N	H	A	I	V	Q	T	L	V	N	S	V	N	S	K	SEQ ID NO 6
human BMP-2	F	P	V	Y	D	Y	D	P	A	S	L	K	E	A	L	S	A	S	V	A	K	V	N	S	Q	SEQ ID NO 7
	I	I	C		I	C			C	C		C			C	S	C		I	S	I	I	S	I		

FIG. 2

bovine fetuin	114	C	D	I	H	V	L	K	Q	D	G	Q	F	S	V	L	F	T	K	C						SEQ ID NO 8
human TGF- β receptor II	84	C	*	V	A	V	W	R	K	N	D	E	N	I	T	L	E	T	V	C						SEQ ID NO 9
		I		C		I		C	C	C	S	C			S	I		I		I						
human TGF- β receptor II	84	C	V	A	V	W	R	K	N	D	*	*	*	E	N	I	T	L	E	T	V	C				SEQ ID NO 9
bovine BBP		C	R	S	T	V	R	M	S	A	E	Q	V	Q	N	V	W	V	R	*	*	C				SEQ ID NO 10
		I		C	S		I							C	I	C		C	S			I				

FIG. 3

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FIG. 4

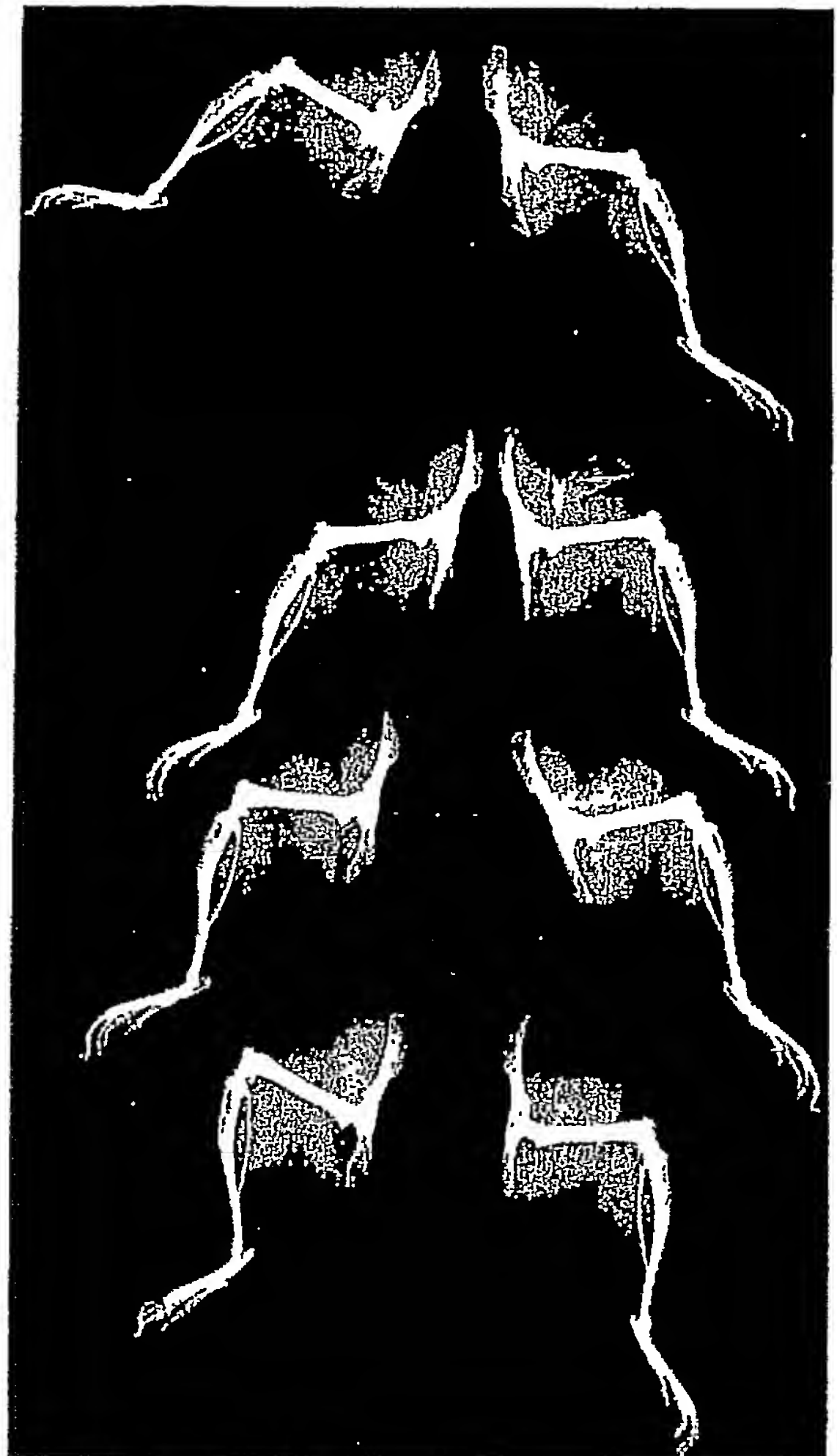
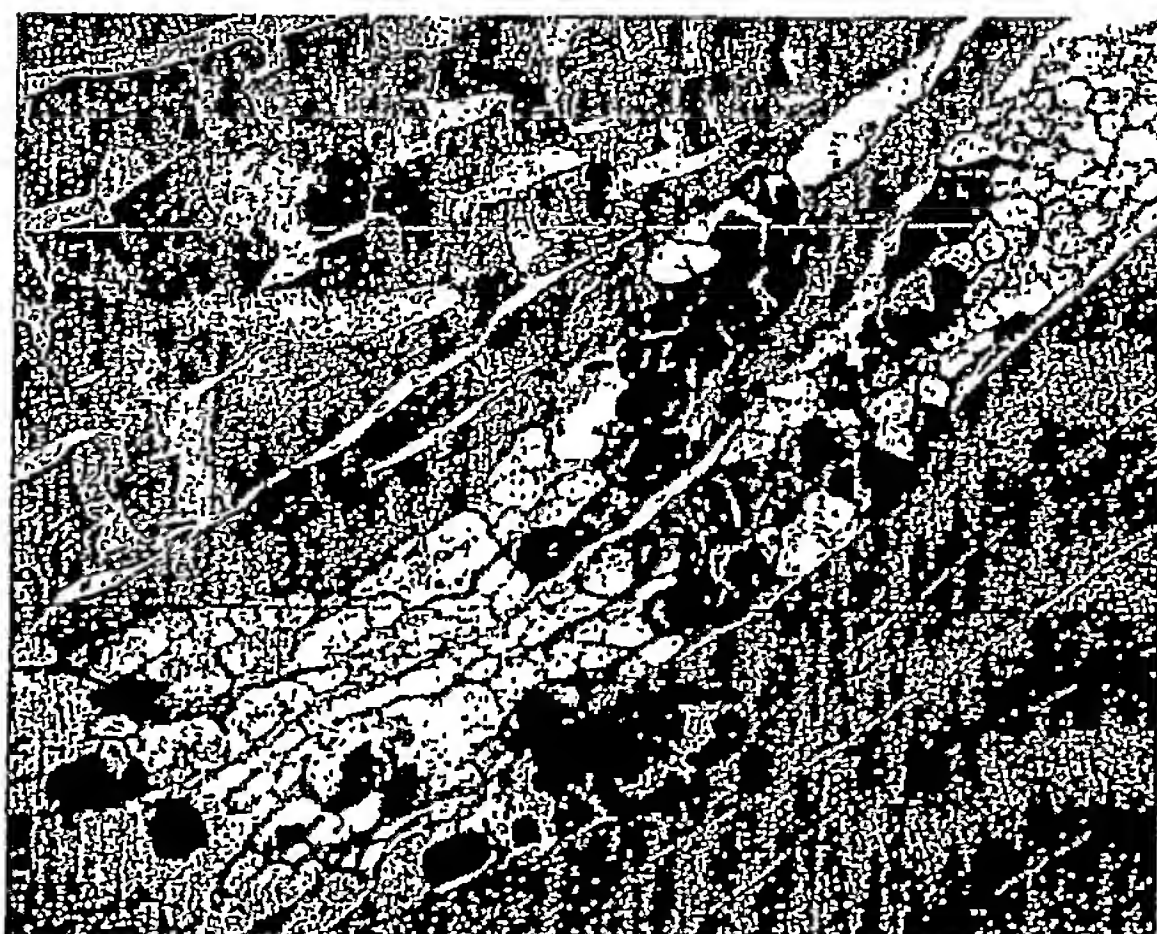


FIG. 5

FIG. 6



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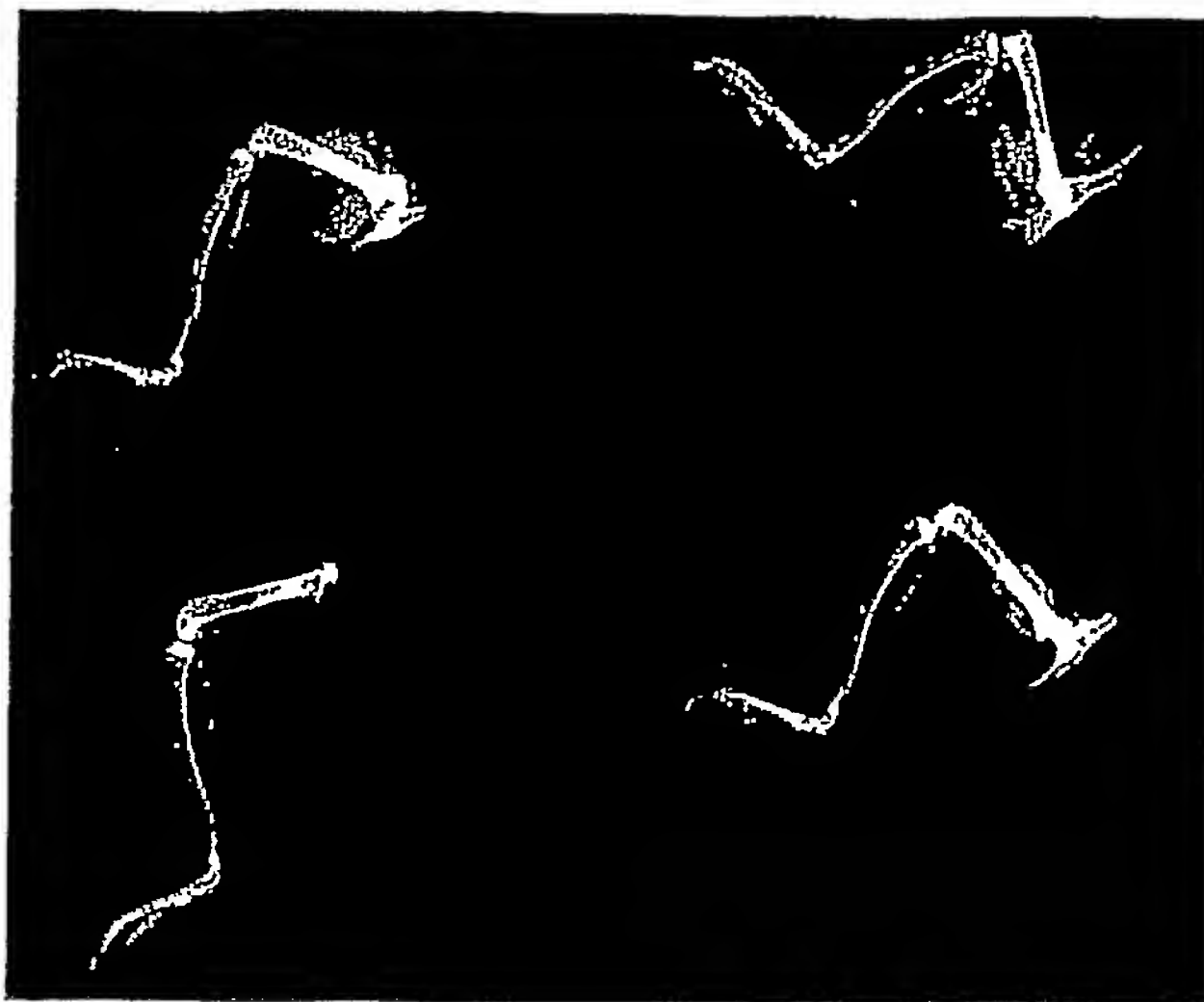


FIG. 7



FIG. 8A

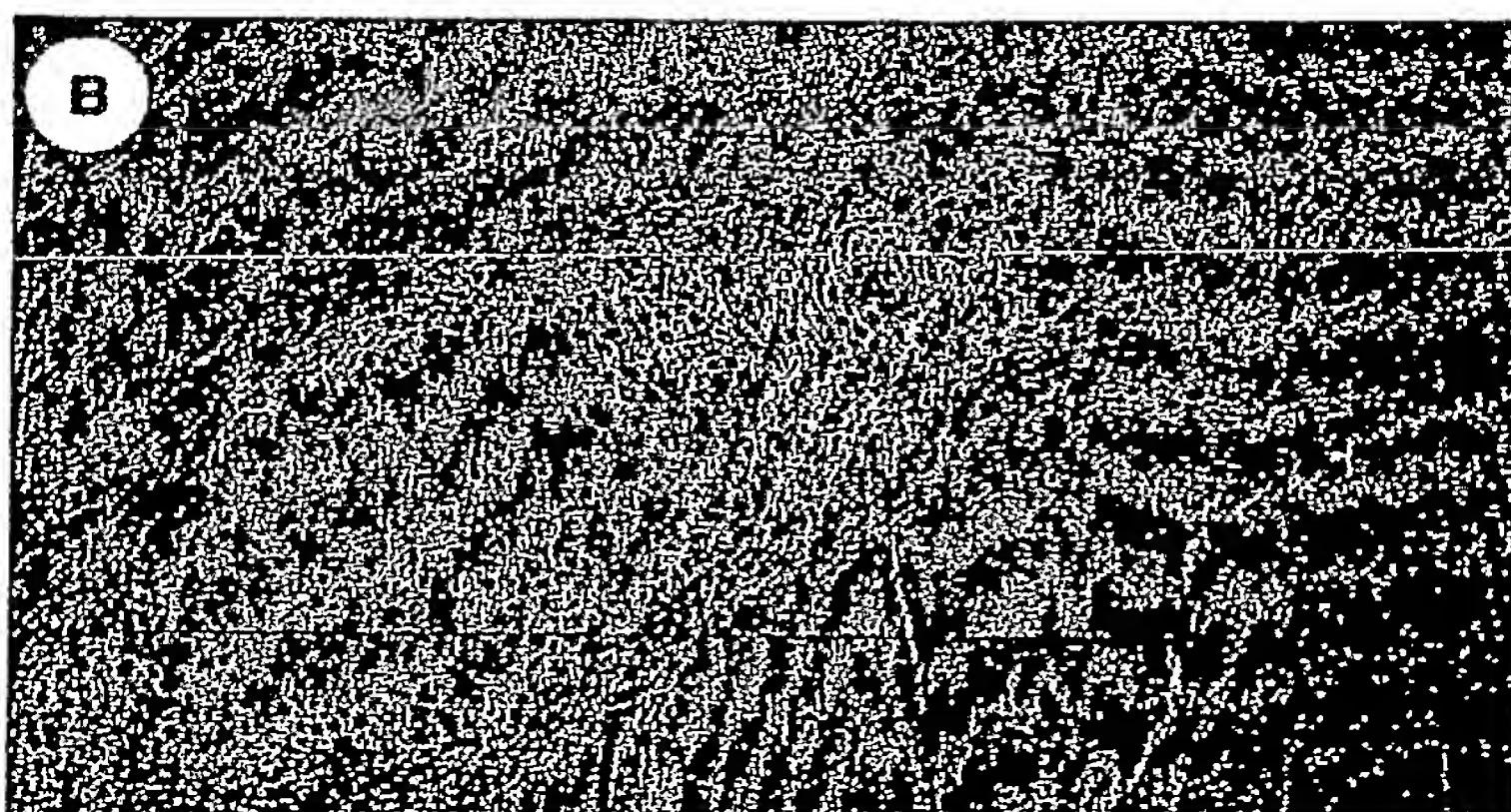
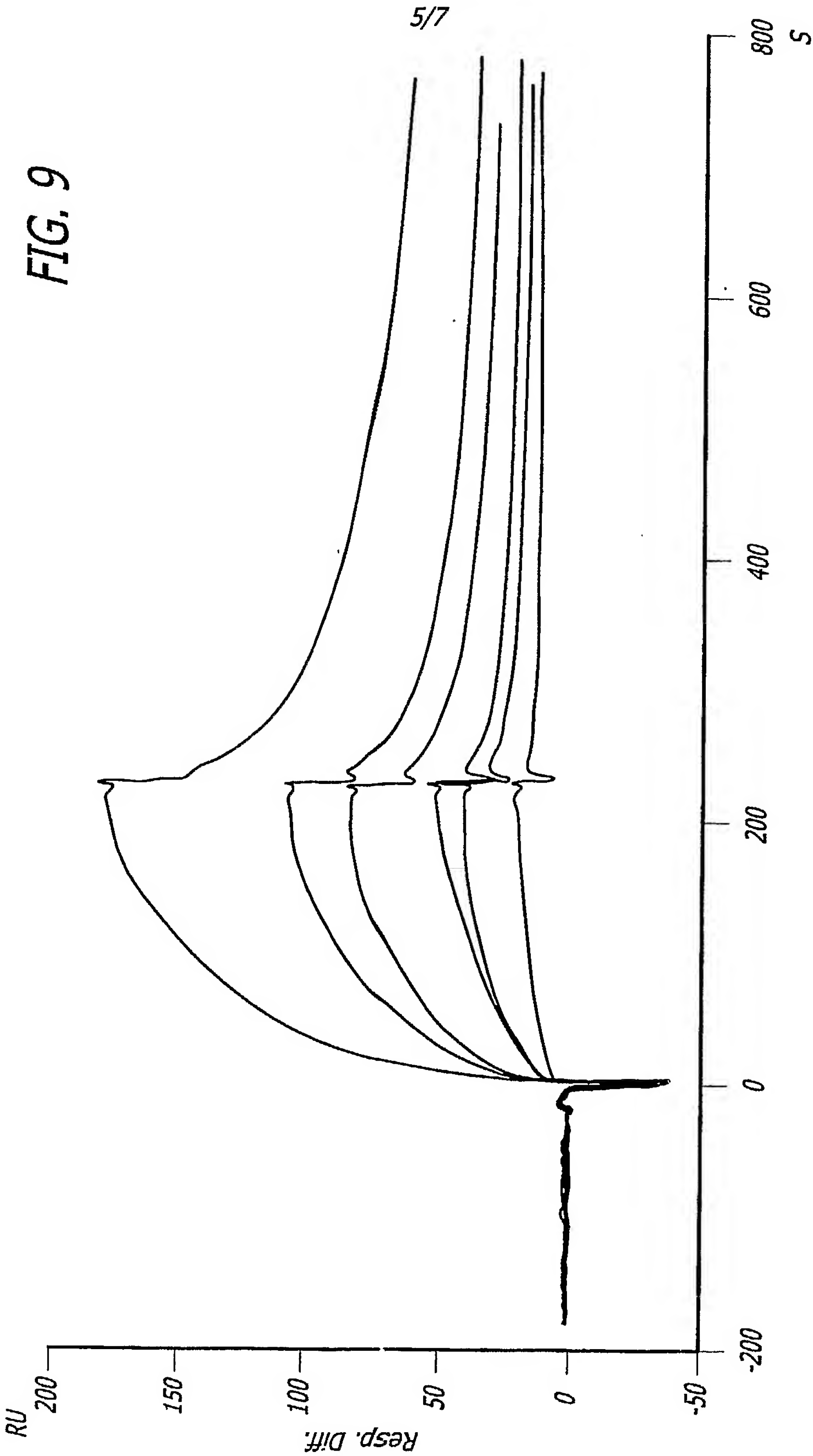
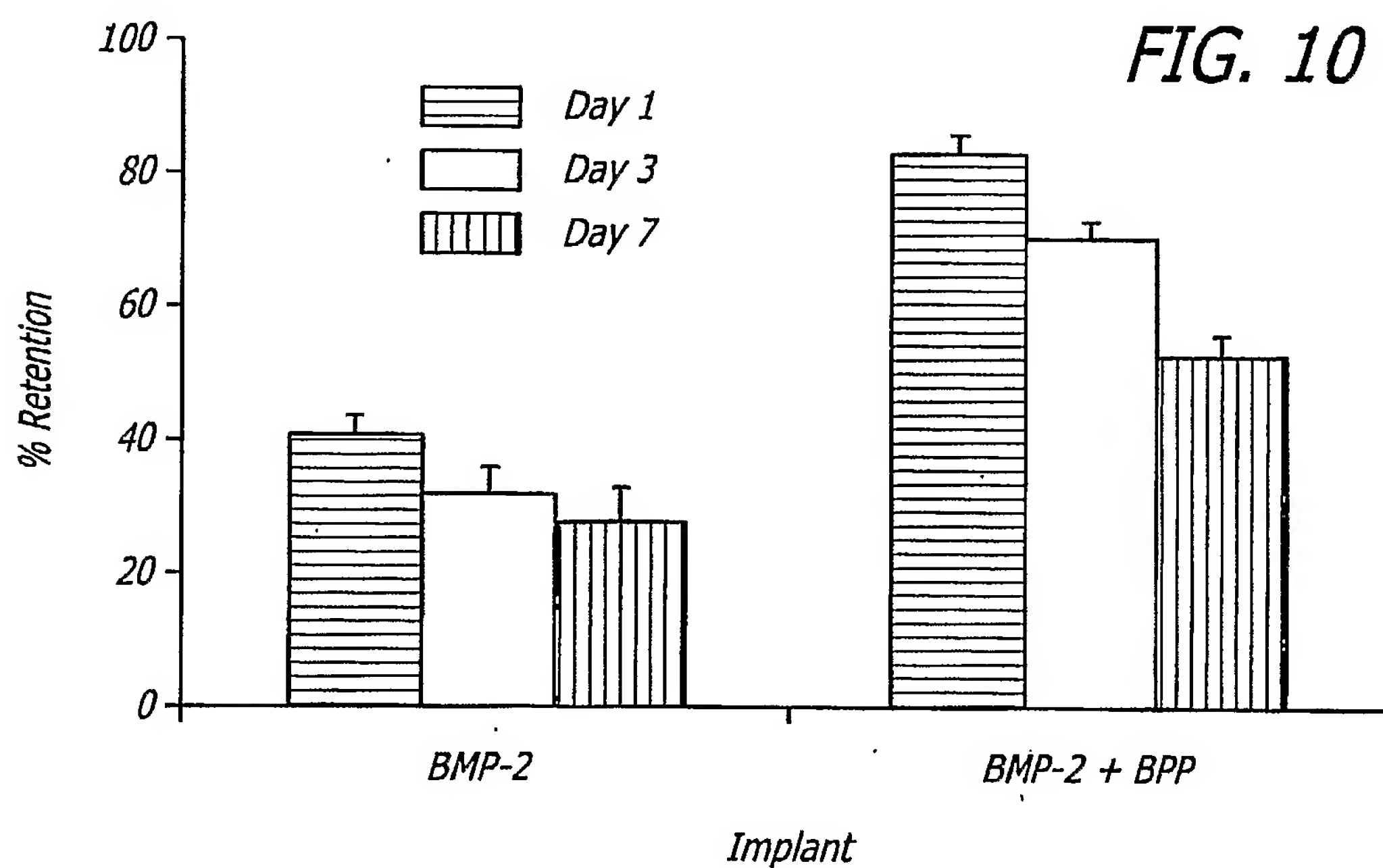


FIG. 8B



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**FIG. 11**

IQETTCRRESEADPATCDFQRGYHVPVAVCRSTVRMSAEQV (SEQ ID No 3)
 CGEPLYEPSREMRRN" (SEQ ID NO 4 (SEQ ID No 4))

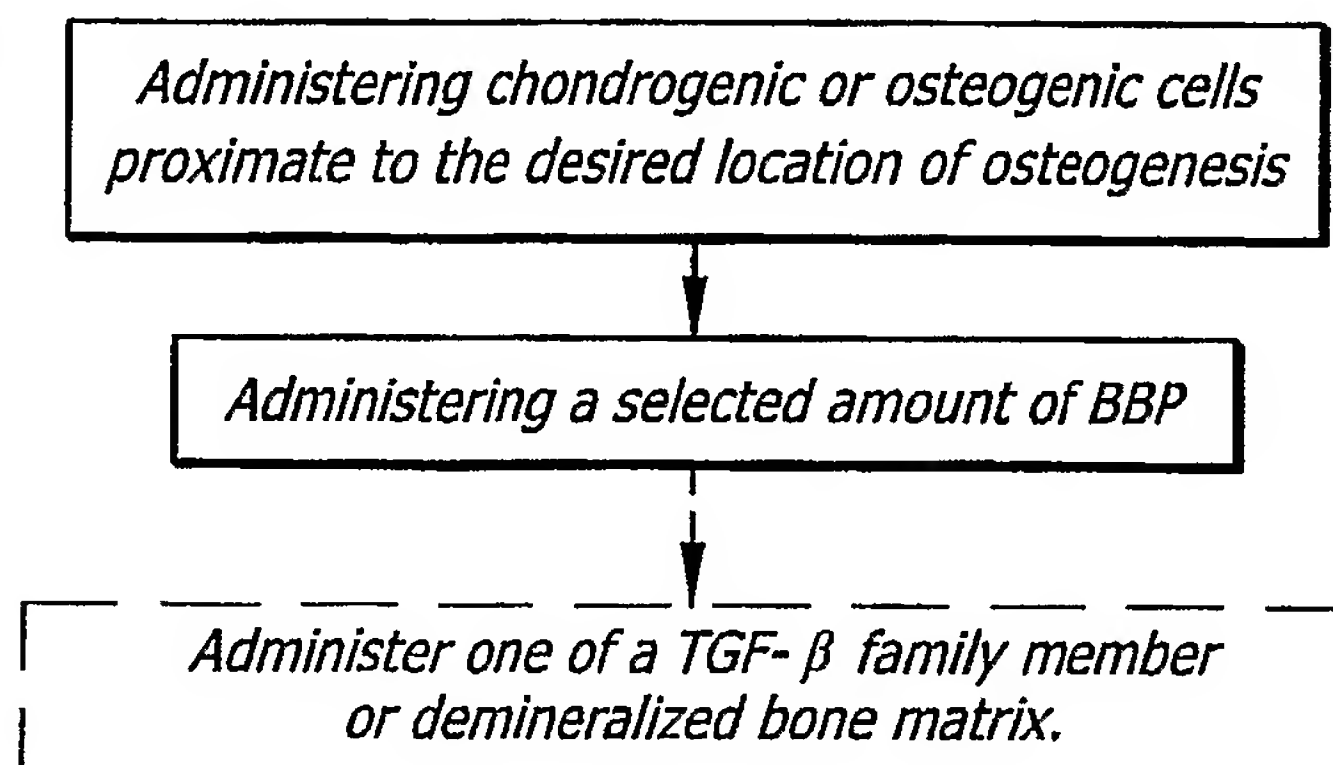
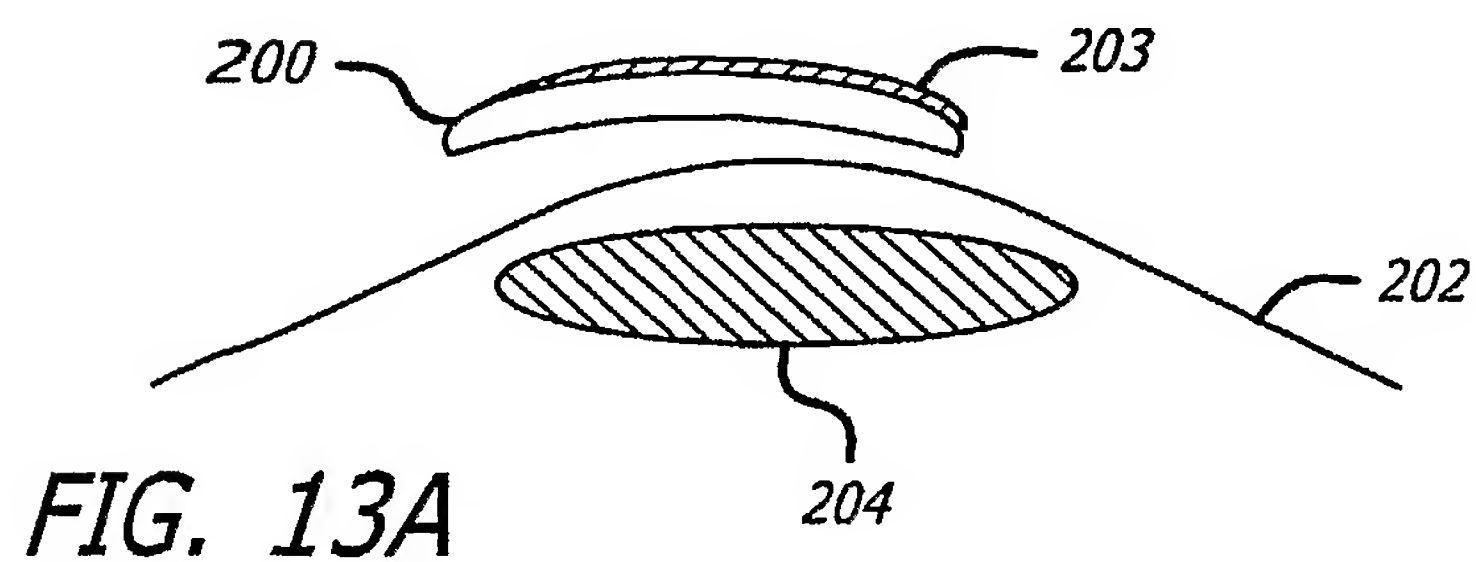
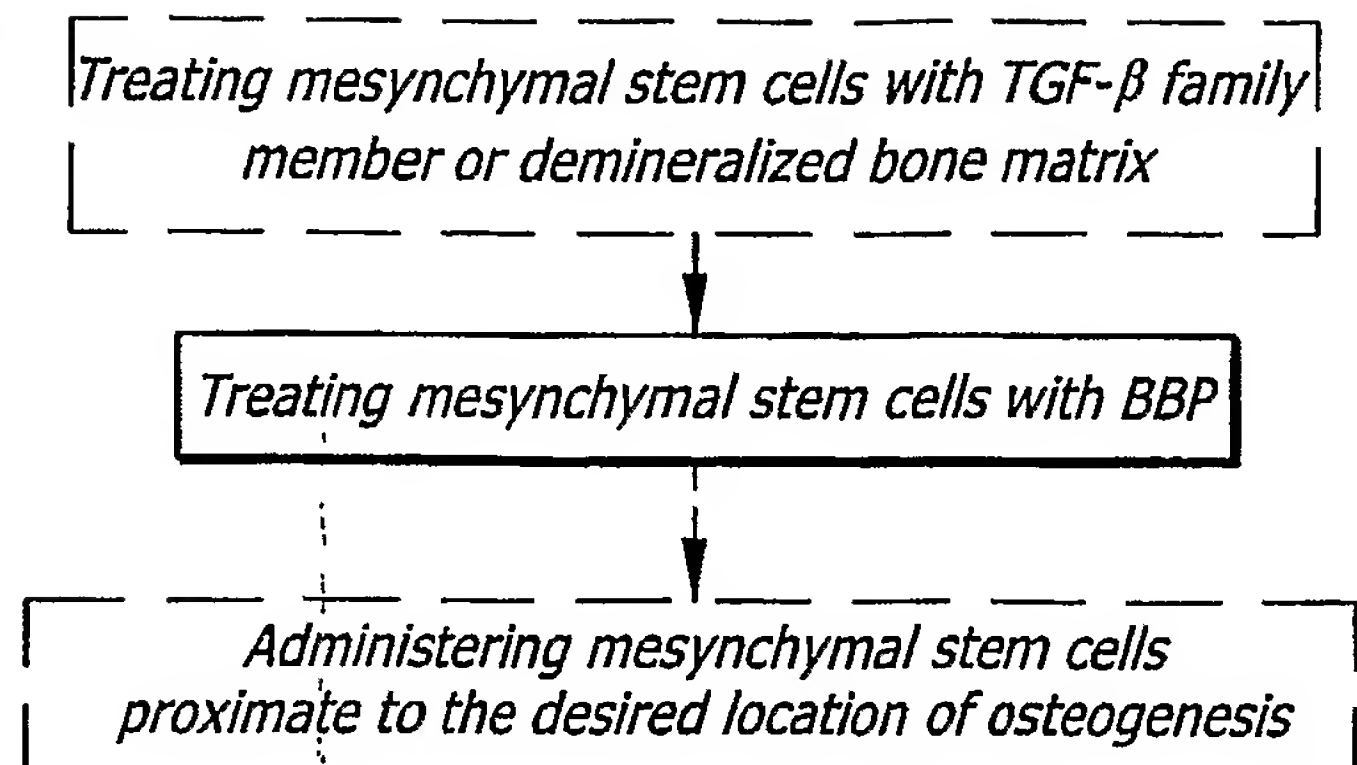
FIG. 12A

FIG. 12B**FIG. 13B**